

REMARKS


Claims 1-19 are rejected under 35 USC 112, first and second paragraphs, as being indefinite, lacking written description, and lacking enablement. Reconsideration of this rejection is respectfully requested.

Regarding the rejection under section 112, first paragraph, the Board notes "the code value" in part (b) of claim 1 lacks proper antecedent basis in the claim. Part (b) has been amended to refer to "the desired code values", which finds proper antecedent basis in amended part (a). Support for the amendments to parts (a) and (b) may be found, e.g., at the paragraph bridging pages 4 and 5 as acknowledged by the Board, as well as page 3, lines 13-15.

Regarding the rejection under section 112, second paragraph, the Board states the disclosure does not adequately describe or enable a controller that includes an update calculator for creating an updated corrected code value by combining the converted feedback signal with the corrected code value. Part (d) of claim 1 has been amended to more specifically refer to "an update calculator for creating an updated corrected code value by combining the difference between the converted feedback signal and the desired code values with the corrected code value", consistent with the teachings of the written description at the paragraph bridging pages 4 and 5 and Figs. 1 and 2 as acknowledged by the Board.

In view of the foregoing amendments and remarks, along with the reversal of the rejection of claims 1-19 under 35 U.S.C. 103, a prompt and favorable action by the Examiner is earnestly solicited. Should the Examiner believe any remaining issues may be resolved via a telephone interview, the Examiner is encouraged to contact Applicants' representative at the number below to discuss such issues.

Respectfully submitted,



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